



Attorney Docket No: FSUN-001/01US

PATENT

Express Mail Label Number: EV 316 173 846 US
Date of Deposit: October 17, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



UTILITY PATENT APPLICATION TRANSMITTAL

Transmitted herewith for filing is a U.S. Non-Provisional Utility Patent Application
entitled:

BIOMOLECULAR-BASED ACTUATOR

naming as inventors:

P. Bryant Chase
Seunghun Hong
Timothy S. Moerland
Stephan Von Molnar
Peng Xiong

and including:

- ☒ (33) pages of description (before the claims);
- ☒ (12) pages of claims ((81) total claims; (4) independent claims);
- ☒ One (1) Sheet of Abstract;
- ☒ (15) sheets of drawing(s) including Figures 1-15.

1. Also enclosed are:

- ☒ unexecuted Declaration
- ☒ Return receipt postcard

2. Applicant is entitled to Small Entity Status

3. The filing fee has been calculated as follows [] and in accordance with the
enclosed preliminary amendment:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEE
Basic Application Fee					\$770.00
Total Claims	81	- 20 =	61	x \$18.00	1098.00

Independent Claims	4	- 3 =	1	x \$86.00	86.00
If multiple dependent claims are presented, add \$290.00					
Total Application Fee					1954.00
If an Assertion of Entitlement to Small Entity Status is enclosed, subtract 50% of Total Application Fee					977.00
Other fees: (specify)					
TOTAL FEE DUE					977.00

[X] This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.

[X] The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. (PA) 03-3117 (RE) 50-1283.

4. Please direct all correspondence concerning this application to:

Cooley Godward LLP
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 Five Palo Alto Square
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CUSTOMER NUMBER: **23419**

Date: Oct 17, 2003

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Respectfully submitted,
COOLEY GODWARD LLP

By:

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